WHAT IS CLAIMED IS:

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1	1.	A method of controlling access to the Internet, the method
2	comprising:	

- sending identification information for a user from a client computer to an Internet access control web server;
- receiving user web access settings from the Internet access
 control web server at the client computer, wherein the user web access
 settings comprise a level of access allowed for the user in at least one
 category of content;
 - intercepting an Internet access request initiated by an application used at the client computer by the user;
 - extracting a Uniform Resource Locator (URL) from the Internet access request at the client computer;
 - sending the URL to the Internet access control web server from the client computer;
 - receiving URL ratings from the Internet access control web server at the client computer, wherein the URL ratings comprise a rating level in at least one category of content;
 - comparing the URL ratings to the user web access settings at the client computer; and
- determining if access to the URL should be granted.
 - 2. The method of claim 1, further comprising sending the Internet access request to a client computer networking layer, if access is granted.
 - 3. The method of claim 2, further comprising editing the Internet access request to remove the URL and to include a user appropriate URL and sending the edited Internet access request to the client computer networking layer, if access is not granted.

1	4.	The method of claim 3, further comprising:
2		storing the URL in a cache at the client computer;
3		storing the URL in the cache as disallowed, if access is not
4	granted;	
5		storing the URL in the cache as allowed, if access is granted;
6		intercepting an additional Internet access request initiated by an
7	application u	sed at the client computer by the user;
8		extracting an additional URL from the additional Internet access
9	request at th	e client computer;
10		comparing the additional URL to each URL in the cache until the
11	additional UI	RL matches a URL stored in the cache or until the additional URL
12	has been co	mpared to each URL in the cache;
13		sending the Internet access request to the client computer
14	networking la	ayer, if the additional URL matches a URL stored in the cache
15	that was stor	red as allowed;
16		editing the additional Internet access request to remove the
17	additional UI	RL and to include the user appropriate URL, if the additional URL
18	matches a U	RL stored in the cache that was stored as disallowed;
19		sending the edited additional Internet access request to the
20	client compu	ter networking layer, if the additional URL matches a URL stored
21	in the cache	that was stored as disallowed; and
22		clearing the cache when the user logs out from the Internet
23	access contr	rol system at the client computer.

5. The method of claim 1, further comprising:
receiving a user web access override list from the Internet
access control web server at the client computer, wherein the user web
access override list comprises URLs to which the user is allowed access and
URLS to which the user is not allowed access;

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comparing the URL to the user web access override list at the 6 7 client computer; determining if access to the URL should be granted at the client 8 computer; 9 sending the Internet access request to a client computer 10 networking layer, if access is granted; 11 editing the Internet access request to remove the URL and to 12 include a user appropriate URL, if access is not granted; and 13 sending the edited Internet access request to the client 14 computer networking layer, if access is not granted. 15 6. The method of claim 6, further comprising: 1 storing the URL in a cache at the client computer; 2 storing the URL in the cache as disallowed, if access is not 3 granted; 4 storing the URL in the cache as allowed, if access is granted; 5 intercepting an additional Internet access request initiated by an 6 application used at the client computer by the user; 7 extracting an additional URL from the additional Internet access 8 request at the client computer; 9 comparing the additional URL to each URL in the cache until the 10 additional URL matches a URL stored in the cache or until the additional URL 11 has been compared to each URL in the cache; 12 sending the Internet access request to the client computer 13 networking layer, if the additional URL matches a URL stored in the cache 14 that was stored as allowed: 15 editing the additional Internet access request to remove the 16 additional URL and to include the user appropriate URL, if the additional URL 17 matches a URL stored in the cache that was stored as disallowed; 18

sending the edited additional Internet access request to the 19 client computer networking layer, if the additional URL matches a URL stored 20 in the cache that was stored as disallowed; and 21 clearing the cache when the user logs out from the Internet 22 access control system at the client computer.

- 7. The method of claim 1, wherein the user web access settings and the URL ratings further comprise context settings for at least one category of content.
- 8. The method of claim 7, wherein the context settings comprise a 1 setting that the URL contains material of artistic value. 2
- 9. The method of claim 7, wherein the context settings comprise a 1 setting that the URL contains material of educational value. 2
- 1 10. The method of claim 7, wherein the context settings comprise a setting that the URL contains material of medical value. 2
- 11. The method of claim 7, wherein the category of content 1 comprises a language category. 2
 - 12. The method of claim 11, wherein the language category of content comprises a plurality of selectable language content levels and a selectable context setting to optionally override the selected language content level.
 - 13. The method of claim 7, wherein the category of content comprises a nudity and sex category.
- 14. The method of claim 13, wherein the nudity and sex category of 1 content comprises a plurality of selectable nudity and sex content levels and a 2

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selectable context setting to optionally override the selected nudity and sex content level.

- 1 15. The method of claim 7, wherein the category of content comprises a violence category.
- 1 16. The method of claim 15, wherein the violence category of 2 content comprises a plurality of selectable violence content levels and a 3 selectable context setting to optionally override the selected violence content 4 level.
- 1 17. The method of claim 15, wherein the violence category comprises a human being violence category.
 - 18. The method of claim 15, wherein the violence category comprises an animal violence category.
 - 19. The method of claim 15, wherein the violence category comprises a fantasy character violence category.
 - 20. The method of claim 1, wherein the user web access settings and the URL ratings further comprise at least one restrictive category of content that may be either allowed or disallowed.
- 21. The method of claim 20, wherein the at least one restrictive 1 category of content is auctions, drug advocacy, entertainment, illegal 2 activities, gambling, games, Gay and Lesbian information, discriminatory 3 speech, information concerning higher education, intimate apparel, 4 information concerning mysticism, news, personal advertisements, personal 5 websites, politics, religion, sex education, shopping, sports, information concerning suicide, weapon promotion, material that may disturb young 7 children, material that may set a bad example for young children, adult sexual 8

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material, job search/careers, travel/tourism and vacation, motor vehicles, or stocks and investing.

- 22. A method of controlling access to the Internet, the method comprising:
- receiving identification information for a user from a client computer at a Internet access control web server;
- sending user web access settings from the Internet access
 control web server to the client computer, wherein the user web access
 settings comprise a level of access allowed for the user in at least one
 category of content;
 - receiving a Uniform Resource Locator (URL) from the client computer at the Internet access control web server, wherein the URL was extracted from an Internet access request at the client computer;
 - sending URL ratings from the Internet access control web server to the client computer, wherein the URL ratings comprise a rating level in at least one category of content that is capable of being compared to the user web access settings.
- 1 23. The method of claim 22, further comprising:
- sending a user web access override list from the Internet access
 control web server to the client computer, wherein the user web access
 override list comprises URLs to which the user is allowed access and URLS
 to which the user is not allowed access.
- The method of claim 22, wherein the user web access settings and the URL ratings further comprise context settings for at least one category of content.
- The method of claim 24, wherein the context settings comprise a setting that the URL contains material of artistic value.

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The method of claim 24, wherein the context settings comprise a setting that the URL contains material of educational value.

- The method of claim 24, wherein the context settings comprise a setting that the URL contains material of medical value.
- 1 28. The method of claim 24, wherein the category of content 2 comprises a language category.
- 1 29. The method of claim 28, wherein the language category of 2 content comprises a plurality of selectable language content levels and a 3 selectable context setting to optionally override the selected language content 4 level.
- 1 30. The method of claim 24, wherein the category of content comprises a nudity and sex category.
- 1 31. The method of claim 30, wherein the nudity and sex category of 2 content comprises a plurality of selectable nudity and sex content levels and a 3 selectable context setting to optionally override the selected nudity and sex 4 content level.
 - 32. The method of claim 24, wherein the category of content comprises a violence category.
- 1 33. The method of claim 32, wherein the violence category of 2 content comprises a plurality of selectable violence content levels and a 3 selectable context setting to optionally override the selected violence content 4 level.
- 1 34. The method of claim 32, wherein the violence category comprises a human being violence category.

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1	35.	The method of claim 32, wherein the violence category
2	comprises ar	n animal violence category.

- 1 36. The method of claim 32, wherein the violence category comprises a fantasy character violence category.
- 1 37. The method of claim 22, wherein the user web access settings 2 and the URL ratings further comprise at least one restrictive category of 3 content that may be either allowed or disallowed.
- 38. The method of claim 37, wherein the at least one restrictive 1 category of content is auctions, drug advocacy, entertainment, illegal 2 activities, gambling, games, Gay and Lesbian information, discriminatory 3 speech, information concerning higher education, intimate apparel, 4 information concerning mysticism, news, personal advertisements, personal 5 websites, politics, religion, sex education, shopping, sports, information 6 concerning suicide, weapon promotion, material that may disturb young 7 children, material that may set a bad example for young children, adult sexual 8 material, job search/careers, travel/tourism and vacation, motor vehicles, or 9 stocks and investing. 10
 - 39. A system for controlling access to the Internet, the system comprising:
- a client comprising:
- a user authentication interface that prompts a user for identification information;
- a communication manager configured to:
- send the identification information to an Internet access control web server.
- receive user web access settings from the Internet access control web server, wherein the user web access

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11	settings comprise a level of access allowed for the user in at
12	least one category of content,
13	intercept an Internet access request initiated by an
14	application used at the client computer by the user;
15	send a Uniform Resource Locator (URL) extracted
16	from the Internet access request to the Internet access control
17	web server, and
18	receive URL ratings from the Internet access
19	control web server, wherein the URL ratings comprise a rating
20	level in at least one category of content; and
21	a logic module configured to:
22	compare the URL ratings to the user web access
23	settings, and
24	determine if access to the URL should be granted;
25	and
26	the Internet access control web server comprising:
27	a login manager configured to:
28	receive the identification information;
29	verify the identification information,
30	determine the user web access settings for the
31	user that correspond to the identification information, and
32	send the user web access settings to the client;
33	and
34	a lookup manager configured to:
35	receive the URL,
36	determine the URL ratings that correspond to the
37	URL, and
38	send the URL ratings to the client.

1	40.	The system of claim 39, wherein the communication manager is
2	further confi	gured to send the Internet access request to a client computer
3	networking I	ayer, if access is granted.
1	41.	The system of claim 40, wherein the communication manager is
2	further confi	gured to:
3		edit the Internet access request to remove the URL and to
4	include a us	er appropriate URL, if access is not granted; and
5		send the edited Internet access request to a client computer
6	networking l	ayer, if access is not granted.
7	42.	The system of claim 41, wherein the client further comprises a
8	cache configured to:	
9		store the URL;
10		store the URL as disallowed, if access is not granted; and
11		store the URL as allowed, if access is granted.
12	43.	The system of claim 42, wherein
13	,	the communication manager is further configured to:
14		intercept an additional Internet access request initiated by
15	an application used at the client computer by the user;	
16		send the additional Internet access request to the client
17	computer networking layer, if an additional URL matches a URL stored	
18	in the cache as allowed; and	
19		send an edited additional Internet access request to the
20	client	computer networking layer, if the additional URL matches a URL
21	store	d in the cache as disallowed; and
22		the logic module is further configured to:
23		extract the additional URL from the additional Internet
24	acces	ss request at the client computer;

25		compare the additional URL to each URL in the cache
26	until the additional URL matches a URL stored in the cache or until the	
27	additional URL has been compared to each URL in the cache;	
28		edit the additional Internet access request to remove the
29	addit	ional URL and to include the user appropriate URL, if the
30	addit	ional URL matches a URL stored in the cache as disallowed; and
31		clear the cache when the user logs out from the system
32	at the	e client computer.
1	44.	The system of claim 39, wherein the communication manager is
2	further confi	gured to receive a user web access override list from the Internet
3	access control web server, wherein the user web access override list	
4	comprises URLs to which the user is allowed access and URLs to which the	
5	user is not a	llowed access.
1	45.	The system of claim 44, wherein
2		the logic module is further configured to:
3		compare the URL to the user web access override list;
4		determine if access to the URL should be granted;
5	•	edit the Internet access request to remove the URL and
6	to inc	lude a user appropriate URL, if access is not granted; and
7		the communication manager is further configured to:
8		send the Internet access request to a client computer
9	networking layer, if access is granted; and	
10		send the edited Internet access request to the client
11	comp	outer networking layer, if access is not granted.
1	46.	The system of claim 45, wherein the client further comprises a
2	cache config	gured to:
3		store the URL;

store the URL as disallowed, if access is not granted; and

5	store the URL as allowed, if access is granted.
6	47. The system of claim 46, wherein
7	the communication manager is further configured to:
8	intercept an additional Internet access request initiated by
9	an application used at the client computer by the user;
10	send the additional Internet access request to the client
11	computer networking layer, if an additional URL matches a URL stored
12	in the cache as allowed; and
13	send an edited additional Internet access request to the
14	client computer networking layer, if the additional URL matches a URL
15	stored in the cache as disallowed; and
16	the logic module is further configured to:
17	extract the additional URL from the additional Internet
18	access request at the client computer;
19	compare the additional URL to each URL in the cache
20	until the additional URL matches a URL stored in the cache or until the
21	additional URL has been compared to each URL in the cache;
22	edit the additional Internet access request to remove the
23	additional URL and to include the user appropriate URL, if the
24	additional URL matches a URL stored in the cache as disallowed; and
25	clear the cache when the user logs out from the system
26	at the client computer.
	48. The system of claim 39, wherein the user web access settings
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2	and the URL ratings further comprise context settings for at least one
3	category of content.

setting that the URL contains material of artistic value.

The system of claim 48, wherein the context settings comprise a

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50. The system of claim 48, wherein the context settings comprise a setting that the URL contains material of educational value.

- 51. The system of claim 48, wherein the context settings comprise a setting that the URL contains material of medical value.
- The system of claim 48, wherein the category of content comprises a language category.
- The system of claim 52, wherein the language category of content comprises a plurality of selectable language content levels and a selectable context setting to optionally override the selected language content level.
- The system of claim 48, wherein the category of content comprises a nudity and sex category.
- The system of claim 54, wherein the nudity and sex category of content comprises a plurality of selectable nudity and sex content levels and a selectable context setting to optionally override the selected nudity and sex content level.
 - 56. The system of claim 48, wherein the category of content comprises a violence category.
- 57. The system of claim 56, wherein the violence category of content comprises a plurality of selectable violence content levels and a selectable context setting to optionally override the selected violence content level.
- 58. The system of claim 56, wherein the violence category comprises a human being violence category.

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59. The system of claim 56, wherein the violence category comprises an animal violence category.

- 1 60. The system of claim 56, wherein the violence category comprises a fantasy character violence category.
 - 61. The system of claim 39, wherein the user web access settings and the URL ratings further comprise at least one restrictive category of content that may be either allowed or disallowed.
- 62. The system of claim 61, wherein the at least one restrictive 1 category of content is auctions, drug advocacy, entertainment, illegal 2 activities, gambling, games, Gay and Lesbian information, discriminatory 3 speech, information concerning higher education, intimate apparel, 4 information concerning mysticism, news, personal advertisements, personal 5 websites, politics, religion, sex education, shopping, sports, information 6 concerning suicide, weapon promotion, material that may disturb young 7 children, material that may set a bad example for young children, adult sexual 8 material, job search/careers, travel/tourism and vacation, motor vehicles, or 9 stocks and investing. 10
 - 63. The system of claim 39, wherein the Internet access control web server further comprises an account manager configured to add a user account, to edit the user account, and to delete the user account.
- 64. The system of claim 63, wherein the user account comprises identification information.
 - 65. The system of claim 64, wherein the user account further comprises web access settings comprising a level of access allowed for the user account in at least one category of content.

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9	66.	The system of claim 65, wherein the user account further
10	comprises o	context settings for at least one category of content comprising
11	overrides to	the level of access allowed for the user account in the category of
12	content.	

- 67. The system of claim 66, wherein the user account further comprises at least one restrictive category of content that may be either allowed or disallowed for the user account.
- 68. The system of claim 67, wherein the user account further comprises a user web access override list, wherein the user web access override list comprises URLs to which the user account is allowed access and URLs to which the user account is not allowed access.
- 69. The system of claim 68, wherein the user account further comprises an appropriate URL for including in an Internet access request.
- 70. A computer program product for controlling access to the Internet comprising:

computer code configured to:

prompt a user for identification information;

send the identification information to an Internet access

6 control web server,

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receive user web access settings from the Internet access control web server, wherein the user web access settings comprise a level of access allowed for the user in at least one category of content.

intercept an Internet access request initiated by an application used at the client computer by the user;

send a Uniform Resource Locator (URL) extracted from the Internet access request to the Internet access control web server,

15	receive URL ratings from the internet access control web	
16	server, wherein the URL ratings comprise a rating level in at least one	
17	category of content;	
18	compare the URL ratings to the user web access	
19	settings, and	
20	determine if access to the URL should be granted.	
1	71. The computer program product of claim 70, wherein the	
2	computer code is further configured to send the Internet access request to a	
3	client computer networking layer, if access is granted.	
1	72. The computer program product of claim 71, wherein the	
2	computer code is further configured to:	
3	edit the Internet access request to remove the URL and to	
4	include a user appropriate URL, if access is not granted; and	
5	send the edited Internet access request to the client computer	
6	networking layer, if access is not granted.	
7	73. The computer program product of claim 72, wherein the	
8	computer code is further configured to:	
9	store the URL in a cache at the client computer;	
10	store the URL in the cache as disallowed, if access is not	
11	granted;	
12	store the URL in the cache as allowed, if access is granted;	
13	intercept an additional Internet access request initiated by an	
14	application used at the client computer by the user;	
15	extract an additional URL from the additional Internet access	
16	request at the client computer;	
17	compare the additional URL to each URL in the cache until the	
18	additional URL matches a URL stored in the cache or until the additional URL	
19	has been compared to each URL in the cache;	

20	send the Internet access request to the client computer	
21	networking layer, if the additional URL matches a URL stored in the cache as	
22	allowed;	
23	edit the additional Internet access request to remove the	
24	additional URL and to include the user appropriate URL, if the additional URL	
25	matches a URL stored in the cache as disallowed;	
26	send the edited additional Internet access request to the client	
27	computer networking layer, if the additional URL matches a URL stored in the	
28	cache as disallowed; and	
29	clear the cache when the user logs out from the computer	
30	program product.	
1	74. The computer program product of claim 70, wherein the	
2	computer code is further configured to:	
3	receive a user web access override list from the Internet access	
4	control web server at the client computer, wherein the user web access	
5	override list comprises URLs to which the user is allowed access and URLs to	
6	which the user is not allowed access;	
7	compare the URL to the user web access override list at the	
8	client computer;	
9	determine if access to the URL should be granted at the client	
10	computer;	
11	send the Internet access request to a client computer	
12	networking layer, if access is granted;	
13	edit the Internet access request to remove the URL and to	
14	include a user appropriate URL, if access is not granted; and	
15	send the edited Internet access request to the client computer	
16	networking layer, if access is not granted.	

3	store the URL in a cache at the client computer;
4	store the URL in the cache as disallowed, if access is not
5	granted;
6	store the URL in the cache as allowed, if access is granted;
7	intercept an additional Internet access request initiated by an
8	application used at the client computer by the user;
9	extract an additional URL from the additional Internet access
10	request at the client computer;
11	compare the additional URL to each URL in the cache until the
12	additional URL matches a URL stored in the cache or until the additional URL
13	has been compared to each URL in the cache;
14	send the Internet access request to the client computer
15	networking layer, if the additional URL matches a URL stored in the cache as
16	allowed;
17	edit the additional Internet access request to remove the
18	additional URL and to include the user appropriate URL, if the additional URL
19	matches a URL stored in the cache as disallowed;
20	send the edited additional Internet access request to the client
21	computer networking layer, if the additional URL matches a URL stored in the
22	cache as disallowed; and
23	clear the cache when the user logs out from the computer
24	program product.

- 76. The computer program product of claim 70, wherein the user web access settings and the URL ratings further comprise context settings for at least one category of content.
- The computer program product of claim 76, wherein the context settings comprise a setting that the URL contains material of artistic value.

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78. The computer program product of claim 76, wherein the context settings comprise a setting that the URL contains material of educational value.

- 79. The computer program product of claim 76, wherein the context settings comprise a setting that the URL contains material of medical value.
- 1 80. The computer program product of claim 76, wherein the category of content comprises a language category.
- 1 81. The computer program product of claim 80, wherein the 2 language category of content comprises a plurality of selectable language 3 content levels and a selectable context setting to optionally override the 4 selected language content level.
- 1 82. The computer program product of claim 76, wherein the category of content comprises a nudity and sex category.
 - 83. The computer program product of claim 82, wherein the nudity and sex category of content comprises a plurality of selectable nudity and sex content levels and a selectable context setting to optionally override the selected nudity and sex content level.
- 1 84. The computer program product of claim 76, wherein the category of content comprises a violence category.
- 1 85. The computer program product of claim 84, wherein the violence 2 category of content comprises a plurality of selectable violence content levels 3 and a selectable context setting to optionally override the selected violence 4 content level.
- 1 86. The computer program product of claim 84, wherein the violence category comprises a human being violence category.

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1 87. The computer program product of claim 84, wherein the violence category comprises an animal violence category.

- 1 88. The computer program product of claim 84, wherein the violence category comprises a fantasy character violence category.
- 1 89. The computer program product of claim 70, wherein the user 2 web access settings and the URL ratings further comprise at least one 3 restrictive category of content that may be either allowed or disallowed.
- 90. The computer program product of claim 89, wherein the at least 1 one restrictive category of content is auctions, drug advocacy, entertainment, 2 illegal activities, gambling, games, Gay and Lesbian information, 3 discriminatory speech, information concerning higher education, intimate 4 apparel, information concerning mysticism, news, personal advertisements, 5 personal websites, politics, religion, sex education, shopping, sports, 6 information concerning suicide, weapon promotion, material that may disturb 7 8 young children, material that may set a bad example for young children, adult sexual material, job search/careers, travel/tourism and vacation, motor 9

vehicles, or stocks and investing.